## Schedule

<table>
<thead>
<tr>
<th>Dates</th>
<th>Lecture (Mon)</th>
<th>Reading</th>
<th>Lab I (Wed)</th>
<th>Lab II (Thu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 9/2 - 9/5</td>
<td>Labor Day</td>
<td>S: Ch. 1 (review) S: Ch. 2 (focus: 2.9 - 2.13)</td>
<td>Lab Ticket 1 due</td>
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<tr>
<td>2 9/8 - 9/12</td>
<td>(I) Impedance of Passive Elements</td>
<td></td>
<td>Lab Ticket 2 due</td>
<td>Finish up Impedance Lab</td>
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<tr>
<td>3 9/15 - 9/19</td>
<td>(II) Transistor: Stable Common Emitter Circuit</td>
<td>S: Ch. 4 (review) S: Ch. 5 (focus: 5.1 - 5.7)</td>
<td>Lab Ticket 3 due</td>
<td>Report I due*</td>
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<tr>
<td>4 9/22 - 9/26</td>
<td>(III) Operational Amplifiers</td>
<td>S: Ch. 9 (focus: 9.1, 9.4, 9.6-9.8)</td>
<td>Lab Ticket 4 due</td>
<td>Report II due*</td>
</tr>
<tr>
<td>5 9/29 - 10/3</td>
<td>(IV) Active Filters</td>
<td>S: Ch. 11.1 - 11.6</td>
<td>Lab Ticket 5 due</td>
<td>Report III due*</td>
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<tr>
<td>6 10/6 - 10/10</td>
<td>(V) Switches</td>
<td>S: Ch. 5.11; 10.14, 10.19 S: Ch. 12.7.8</td>
<td>Lab Ticket 6 due</td>
<td>Report IV due*</td>
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<tr>
<td>7 10/13 - 10/17</td>
<td>(VI) Logic Gates and Flip Flops</td>
<td>S: Ch. 12.1 - 12.5, 12.8.6 - 12.8.7 S: Ch. 13.1 - 13.4, 13.5.8</td>
<td>Lab Ticket 7 due</td>
<td>Report V due*</td>
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<tr>
<td>8 10/20 - 10/25</td>
<td><strong>Fall break</strong></td>
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<tr>
<td>9 10/27 - 10/31</td>
<td>(VII) Loops &amp; Plotting (LV1)</td>
<td>E: Ch. 1 - 2</td>
<td>Report VI due*</td>
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<tr>
<td>10 11/3 - 11/7</td>
<td>(VIII) MathScript, Data Acquisition (LV2)</td>
<td>E: Ch. 3 - 4</td>
<td>LV Assignment 1 due*</td>
<td></td>
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<tr>
<td>11 11/10 - 11/14</td>
<td>No Lecture</td>
<td>E: Ch. 5 - 8</td>
<td>LV Assignment 2 due*</td>
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<tr>
<td>12 11/17 - 11/21</td>
<td>(IX) Data Files; Shift Reg.; Case &amp; Sequence Structure (LV3)</td>
<td>E: Ch. 9 - 10</td>
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<td>13 11/24 - 11/26</td>
<td>(X) Curve Fitting and FFT; Digital Thermometer (LV4)</td>
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<td>Wed.: LV Assignment 3 due*; Makeup Lab</td>
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<tr>
<td>14 12/1 - 12/5</td>
<td>(XI) PID Temperature Control (LV5)</td>
<td>E: Ch. 12 E: Appendix I</td>
<td>LV Assignment 4 due*</td>
<td>Thu., Thanksgiving</td>
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<tr>
<td>15 12/8 - 12/10</td>
<td>Last Lecture</td>
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<td>LV Assignment 5 due*</td>
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*The reports are due 11:00 (11 AM) on the day of your lab.

# The LV assignment write-ups are due on Friday at 11 AM (assignment 3 & 5 are exceptions). S: R. E. Simpson

$ The Final Project (LV 5) is has to be turned in by 12/19, 12/10 is recommended. E: John Essick

- The lab tickets are due at the beginning of your lab, i.e. 13:10.
- The next week’s assignment will be given out in lab lecture the week of the lab.